MODIFIED PTO/SB/08 A & B (06-03)

Substitute for Form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known	
Application Number	~~Unknown~~ 10/678,315
Confirmation Number	Unknown
Filing Date	October 6, 2003
First Named Inventor	ITO, Yoshihiro
Art Unit	~~Unknown~~ 2852
Examiner Name	~~Unknown~~ S. LEE
Attorney Docket Number	Q77573

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number: Number	Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
SL		US 4,961,088		10/2/1990	Gilliland et al.
SL		US 4,974,238		11/27/1990	Kobayashi et al.
SL		US 5,132,729		7/21/1992	Matsushita et al.
SL		US 5,229,824		7/20/1993	Tsusaka et al.
SL		US 6,112,036		8/29/2000	Shinohara
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document: Country Code[3]	Number[4]	Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation[6]
SL		JP	64-057272		3/3/1989		Abstract
SL		JP	01-134471		5/26/1989		Abstract
SL		JP	04-240661		8/27/1992		Abstract
SL		JP	05-210304		8/20/1993		Abstract
SL		JP	05-224479		9/3/1993		Abstract
SL		JP	10-039693		2/13/1998		Abstract
SL		JP	10-069139		3/10/1998		Abstract
SL		JP	10-240101		9/11/1998		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation[6]

Examiner Signature	S. Lee	Date Considered	11/5/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1]Applicant's unique citation designation number (optional). [2]See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to indicate here if English language Translation is attached.

OIPE DEC 17 2003 PATENT & TRADEMARK OFFICE

Substitute for Form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1

Complete if Known	
Application Number	10/678,315
Confirmation Number	Unknown
Filing Date	October 6, 2-003
First Named Inventor	ITO, Yoshihiro
Art Unit	~~Unknown~~ 2852
Examiner Name	~~Unknown~~ S. Lee
Attorney Docket Number	Q77573

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number: Number	Document Number: Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
SL		US 6,158,837	A	12/12/2000	Hilton et al.
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document: Country Code[3]	Foreign Patent Document: Number[4]	Foreign Patent Document: Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation[6]
SL		JP	10-26917	A	1/27/1998		Abstract
SL		JP	4-139471	A	5/13/1992		Abstract
SL		JP	03-152569	A	6/28/1991		Abstract
SL		JP	06-102759	A	4/15/1994		Abstract
SL		JP	08-244314	A	9/24/1996		Abstract
SL		JP	08-197748	A	8/6/1996		Abstract
SL		JP	09-120246	A	5/6/1997		Abstract
SL		JP	09-169123	A	6/30/1997		Abstract
SL		JP	10-133528	A	5/22/1998		Abstract

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation[6]

Examiner Signature	S. Lee	Date Considered	11/5/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1]Applicant's unique citation designation number (optional). [2]See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to indicate here if English language Translation is attached.